

## VI. INSIGNIFICANT EMISSIONS UNITS

Equipment Category as Listed in the SMAQMD Title V List and Criteria "List of Insignificant Activities", adopted 04-26-2001	Basis for Exemption	Equipment (for details of equipment see the permittee's Title V permit application for Exempt Equipment (dated 04-19-2010))
II.E Food Processing Equipment	NA	NA
II.F Plastic and / or Rubber Processing Equipment	NA	NA
II.G Storage Containers, Reservoirs, and Tanks - Fuel, Fuel Oil and Asphalt	1. Any equipment used exclusively for the storage of fuel oils or non-air-blown asphalt with specific gravity 0.9042 or higher (25° API or lower) as determined by API test method 2547 or ASTM test method D-1298-80.	NA
II.H Storage Containers, Reservoirs, and Tanks - General Organic and VOC-Containing Material	<p>1. Any equipment used exclusively for the storage of unheated organic material with:</p> <p>a. An initial boiling point of 150° C [302° F] or greater as determined by ASTM test method 1078-86); or</p> <p>b. A vapor pressure of no more than five millimeters mercury (mmHg) [0.1 pound per square inch (psi) absolute] as determined by ASTM test method D-2879-86.</p> <p>2. Any equipment with a capacity of no more than 250 gallons used</p>	<p>a. Tanks containing liquids with <math>V_p \leq 77.5</math> mm Hg and &lt; 6076 Gal Capacity These tanks contain vegetable oil, diesel, gasoline, and belt lubricant.</p> <p>b. Tanks containing liquids with <math>V_p &lt; 5</math> mm Hg (0.1 psi). These tanks contain fructose and vegetable oil.</p>

## VI. INSIGNIFICANT EMISSIONS UNITS

Equipment Category as Listed in the SMAQMD Title V List and Criteria "List of Insignificant Activities", adopted 04-26-2001	Basis for Exemption	Equipment (for details of equipment see the permittee's Title V permit application for Exempt Equipment (dated 04-19-2010))
	<p>exclusively for the storage of unheated organic liquid.</p> <p>3. Any equipment with a capacity of no more than 6,077 gallons used exclusively for the underground storage of unheated organic liquid with a vapor pressure no more than 75 mm Hg (1.5 psi absolute) as determined by ASTM test method D-2879-86.</p>	
II.I Storage Containers, Reservoirs, and Tanks - Inorganic Material	NA	NA
II.J Storage Containers, Reservoirs, and Tanks - Liquefied Gases	1. Any equipment used exclusively for the storage of liquefied gases in unvented (except for emergency pressure-relief valves) pressure vessels.	a. Tanks containing liquefied or compressed gases These tanks contain LPG and liquid nitrogen.
II.K Compression and Storage of Dry Natural Gas	NA	NA
II.L Transfer Equipment	NA	NA
II.M Adhesive Application	NA	NA

## VI. INSIGNIFICANT EMISSIONS UNITS

Equipment Category as Listed in the SMAQMD Title V List and Criteria "List of Insignificant Activities", adopted 04-26-2001	Basis for Exemption	Equipment (for details of equipment see the permittee's Title V permit application for Exempt Equipment (dated 04-19-2010))
II.N Surface Coating	1. Any equipment or activity using no more than one gallon per day of surface coating, or any combination of surface coating and solvent, which contains either VOC or hazardous air pollutants (HAP), or both.	Various equipment meeting the described criteria.
II.O Solvent Cleaning	<p>1. Any equipment or activity using no more than one gallon per day of solvent, or combination of solvent and surface coating, which contains either VOC or HAP, or both.</p> <p>2. Any unheated, non-conveyorized cleaning equipment (not including control enclosures):</p> <ul style="list-style-type: none"> <li>a. which has an open surface area of no more than 10.8 square feet (2 square meters) and internal volume of no more than 92.5 gallons</li> <li>b. which uses organic solvents with an initial boiling point of 302° F or greater as determined by ASTM test method 1078-78</li> <li>c. from which the owner or operator can demonstrate, through solvent purchase and use records, that less</li> </ul>	NA

## VI. INSIGNIFICANT EMISSIONS UNITS

Equipment Category as Listed in the SMAQMD Title V List and Criteria "List of Insignificant Activities", adopted 04-26-2001	Basis for Exemption	Equipment (for details of equipment see the permittee's Title V permit application for Exempt Equipment (dated 04-19-2010))
	<p>than 25 gallons per year of solvent was lost exclusive of solvent loss from recycling or disposal.</p> <p>3. Any solvent wipe cleaning provided such cleaning:</p> <ul style="list-style-type: none"> <li>a. utilizes a container applicator to limit emissions (e.g., squeeze containers with narrow tips, spray bottles, dispensers with press-down caps, etc.)</li> <li>b. occurs at a facility which emits no more than five tons VOC (uncontrolled emissions) per calendar year from all solvent wipe-cleaning operations or which purchases no more than 1,500 gallons of solvent per calendar year.</li> </ul>	
II.P Abrasive Blasting	<p>1. Any blast cleaning equipment using a suspension of abrasive material in water and the control equipment venting such blast cleaning equipment.</p> <p>2. Any abrasive blast room when vented to a control device that discharges back to the room.</p>	NA

## VI. INSIGNIFICANT EMISSIONS UNITS

Equipment Category as Listed in the SMAQMD Title V List and Criteria "List of Insignificant Activities", adopted 04-26-2001	Basis for Exemption	Equipment (for details of equipment see the permittee's Title V permit application for Exempt Equipment (dated 04-19-2010))
II.Q Brazing, Soldering, Welding and Cutting Torches	1. Any brazing, soldering, welding, or cutting torch equipment used in manufacturing and construction activities and with the potential to emit hazardous air pollutant (HAP) metals, provided the total emissions of HAPs do not exceed 0.5 tons per year.	NA
II.R Solder Leveler, Hydrosqueegee, Wave Solder Machine, or Drag Solder Machine	NA	NA
II.S Metal Products	NA	NA
II.T Aerosol Can Puncturing or Crushing	NA	NA
II.U Biotechnology Manufacturing	NA	NA
II.V Textile Dyeing, Stripping or Bleaching	NA	NA
II.W Laboratory Fume Hoods and Vents	1. Any laboratory fume hood or vent, provided such equipment is used exclusively for the purpose of teaching, research, or quality control.	a. Laboratory equipment.

## VI. INSIGNIFICANT EMISSIONS UNITS

Equipment Category as Listed in the SMAQMD Title V List and Criteria "List of Insignificant Activities", adopted 04-26-2001	Basis for Exemption	Equipment (for details of equipment see the permittee's Title V permit application for Exempt Equipment (dated 04-19-2010))
II.X Refrigeration Units	1. Any refrigeration unit provided the unit:  a. Contains less than 50 pounds of refrigerant; and  b. Is not used in conjunction with air pollution control equipment.	NA
NA	CERCLA sources that are covered by a U.S. EPA consent decree under CERCLA and thus not subject to SMAQMD Rule 201 permit requirements and therefore not included in the Title V permit.	NA

## **VII. ACRONYMS, ABBREVIATIONS AND UNITS OF MEASURE**

---

Acronyms, abbreviations and units of measure used in this permit are defined as follows:

**ASTM**

American Society for Testing and Materials

**BACT**

Best Available Control Technology.

**CAA**

The federal Clean Air Act.

**CARB**

California Air Resources Board.

**CFC**

Chloro-fluoro-carbons. A class of compounds responsible for destroying ozone in the upper atmosphere.

**CFR**

The Code of Federal Regulations. 40 CFR contains the implementing regulations for federal environmental statutes such as the Clean Air Act. Parts 50-99 of 40 CFR contain the requirements for air pollution programs.

**CO**

Carbon monoxide.

**CO<sub>2</sub>**

Carbon dioxide.

**ERC**

Emission reduction credit.

**Federally Enforceable**

All limitations and conditions which are enforceable by the Administrator of the U.S. EPA including those requirements developed pursuant to 40 CFR Part 51, Subpart I (NSR), Part 52.21 (PSD), Part 60 (NSPS), Part 61 (NESHAPs), Part 63 (HAP) and Part 72 (Permits Regulation, Acid Rain) including limitations and conditions contained in operating permits issued under a U.S. EPA approved program that has been incorporated into the California SIP.

**NESHAP**

National Emission Standards for Hazardous Air Pollutants (see 40 CFR Parts 61 and 63).

**NO<sub>x</sub>**

Nitrogen oxides.

## **VII. ACRONYMS, ABBREVIATIONS AND UNITS OF MEASURE**

---

### **NSPS**

New Source Performance Standards. U.S. EPA standards for emissions from new stationary sources. Mandated by Title I, Section 111 of the federal Clean Air Act and implemented by 40 CFR Part 60 and SMAQMD Regulation 8.

### **NSR**

New Source Review. A federal program for pre-construction review and permitting of new and modified sources of pollutants for which criteria have been established in accordance with Section 108 of the Federal Clean Air Act. Mandated by Title I of the federal Clean Air Act and implemented by 40 CFR Parts 51 and 52 and SMAQMD Rule 202. (Note: There are additional NSR requirements mandated by the California Clean Air Act.)

### **O2**

Oxygen.

### **Offset Requirement**

A New Source Review requirement to provide federally enforceable emission offsets for the emissions from a new or modified source. Applies to emissions of ROC, NOx, SO2 and PM10.

### **PM**

Particulate matter.

### **PM10**

Particulate matter with aerodynamic equivalent diameter of less than or equal to 10 microns.

### **PM2.5**

Particulate matter with aerodynamic equivalent diameter of less than or equal to 2.5 microns.

### **PSD**

Prevention of Significant Deterioration. A federal program for permitting new and modified sources of those air pollutants for which the SMAQMD is classified "attainment" of the National Air Ambient Quality Standards. Mandated by Title I of the federal Clean Air Act and implemented by 40 CFR Part 52.

### **ROC**

Reactive organic compounds.

### **SIP**

State Implementation Plan. CARB and SMAQMD programs and regulations approved by U.S. EPA and developed in order to attain the National Air Ambient Quality Standards. Mandated by Title I of the federal Clean Air Act.

### **SMAQMD**

Sacramento Metropolitan Air Quality Management District.

### **SO2**

Sulfur dioxide.



## VII. ACRONYMS, ABBREVIATIONS AND UNITS OF MEASURE

---

### Title V

Title V of the federal Clean Air Act. Title V requires the SMAQMD to operate a federally enforceable operating permit program for major stationary sources and other specified sources.

### TSP

Total suspended particulate.

### U.S. EPA

The federal Environmental Protection Agency.

### VOC

Volatile Organic Compounds.

### UNITS OF MEASURE:

BTU	=	British Thermal Unit
cfm	=	cubic feet per minute
cm	=	centimeter
g	=	grams
gal	=	gallon
gpm	=	gallons per minute
hp	=	horsepower
hr	=	hour
lb	=	pound
in	=	inch
kg	=	kilogram
max	=	maximum
m <sup>2</sup>	=	square meter
min	=	minute
mm	=	millimeter
MM	=	million
ppmv	=	parts per million by volume
ppmw	=	parts per million by weight
psia	=	pounds per square inch, absolute
psig	=	pounds per square inch, gauge
quarter	=	calendar quarter
RVP	=	Reid vapor pressure
scfm	=	standard cubic feet per minute
yr	=	year

